

10/25/01



1129 U.S. PTO

10-28-01

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 PTO/SB/05 (11-00)
 Approved for use through 10/31/2002. OMB 0651-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	522-1763
First Inventor	Christiaens
Title	Topological, On-The-Fly Classification of Objects Into a Global
Express Mail Label No.	EL 761 854 523 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, D.C. 20231

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 43]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
- Oath or Declaration [Total Pages 3]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUING OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☐ or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	William M. Lee, Jr.				
	Lee, Mann, Smith, McWilliams, Sweeney & Ohlson				
Address	209 South LaSalle				
	Suite 410				
City	Chicago	State	IL	Zip Code	60604-1202
Country	USA	Telephone	312-368-1300	Fax	312-368-0034

Name (Print/Type)	William M. Lee, Jr.	Registration No. (Attorney/Agent)	26,935
Signature	<i>William M. Lee, Jr.</i>	Date	October 25, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/25/01

10/25/01

10269181-102501

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT

\$433.00

Application Number

Filing Date

First Named Inventor

Christians

Examiner Name

Group Art Unit

Attorney Docket No.

522-1763

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 12-0913

Deposit Account Name

- ☒ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status
See 37 CFR § 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Description	Fee Paid
Code (\$)	Code (\$)					
101	740	201	370		Utility filing fee	370.00
106	330	206	165		Design filing fee	
107	510	207	255		Plant filing fee	
108	740	208	370		Reissue filing fee	
114	160	214	80		Provisional filing fee	
SUBTOTAL (1)						\$370.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-20** = 7	X 9.00 =	63.00
Independent Claims	3 -3** = 0	X 0.00 =	0.00
Multiple Dependent			

Large Entity	Small Entity	Fee	Fee	Fee	Description
Code (\$)	Code (\$)				
103	16	203	9		Claims in excess of 20
102	84	202	42		Independent claims in excess of 3
104	280	204	140		Multiple dependent claim, if not paid
109	84	209	42		** Reissue independent claims over original patent
110	16	210	9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$63.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Description	Fee Paid
Code (\$)	Code (\$)					
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non - English specification	
147	2,520	147	2,520		For filing a request for ex parte reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	160		Notice of Appeal	
120	320	220	160		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,280	241	640		Petition to revive - unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Processing fee under 37 CFR § 1.17(q)	
126	180	126	180		Submission of Information Disclosure Statement	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	
Other fee (specify)						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$0.00

SUBMITTED BY

Name (Print/Type) William M. Lee, Jr.

Signature

Registration No. 26,935

Attorney/Agent

Complete (if applicable)

Telephone 312-368-1300

Date

October 25, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Please acknowledge
receipt of the
enclosed:
New Patent Application of:

Mark Christiaens

**TOPOLOGICAL, ON-THE-FLY CLASSIFICATION
OF OBJECTS INTO A GLOBAL SET AND LOCAL
SETS**

1. Fee Transmittal Letter
2. Utility Patent Application Transmittal
3. Declaration w/Specification and Abstract
4. 8 Sheets of Drawings
5. Check No. 46680 for \$433.00
6. PTO-1449 (Information Disclosure Citation)
7. Certificate of EXPRESS MAIL.
8. Return Post Card.

DUE DATE (If Any): New Application

DATE SENT: October 25, 2001

WJR:tjb

"Express Mail" mailing label number

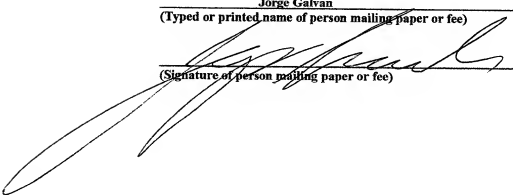
EL 761 854 523 US

Date of deposit: October 25, 2001

I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above
and is addressed to the Commissioner of Patents and Trademarks,
Washington, D.C. 20231.

Jorge Galvan

(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

10229181-102501